Erratum to:

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of	)	
	)	
Revitalization of the AM Radio Service	)	MB Docket No. 13-249

COMMENTS OF THE AM RADIO PRESERVATION ALLIANCE
ON SECOND FURTHER NOTICE OF PROPOSED RULE MAKING

The AM Radio Preservation Alliance

Filed February 8, 2019

Please see attached revised summaries for the following Engineering Exhibits filed on February 8, 2019 (which update these summary pages consistent with the engineering studies therein):

- WLAC Engineering Exhibits: Revised **WLAC NIGHTTIME OPERATION**
- WWVA Engineering Exhibits: Revised **WWVA DAYTIME OPERATION**

This Erratum is submitted by The AM Radio Preservation Alliance to MB Docket No. 13-249 on March 11, 2019.

WLAC, NASHVILLE, TENNEESSEE
1510 kHz 50 kW ND
Revised MARCH 2019

WLAC NIGHTTIME OPERATION

0.5 mV/m 50% Skywave (Presently Protected Contour) Current Population	Interference Caused to 0.5 mV/m 50% Skywave by Maximized Class D Nighttime Operations Per *SFNPRM* Nighttime Alternative 1 (Figure 1-N)	
	Population:	**Percentage of Interference to Population Within 0.5 mV/m 50% Skywave:**
111,337,140	**93,123,113**	**83.6%**

GAIN IN CLASS D STATION'S NIGHTTIME INTERFERENCE FREE CONTOUR SERVICE WITH MAXIMUM POWER IN THE DIRECTION OF WLAC (Figures 2-N through 14-N)

Maximizing Class D Station	Gain by Population (Persons) and Area (square kilometers)	Figure
WWHN	300/0.9	2-N
WYEC	18/4.2	3-N
WJOT	59/0.2	4-N
WLKR	268/6.5	5-N
WQUL	0/0.1	6-N
WQQW	53/6	7-N
KMRF	865/31	8-N
WEAL	1,181/0.7	9-N
WLGN	358/1.7	10-N
KWJB	45/3.2	11-N
KAGC	5,993/6.1	12-N
KAGY	0/1.2	13-N
WWBC	65,605/122.8	14-N

Maximizing Class D Station	Gain by Population (Persons) and Area (square kilometers)	Figure
COLLECTIVE GAIN:	**74,745/184.6**	

NET LOSS IN SERVICE FROM *SFNPRM* NIGHTTIME ALTERNATIVE 1 (CLASS A AM STATION LOSS MINUS COLLECTIVE GAIN IN CLASS D SERVICE):

93,123,113 (Loss of Class A AM Service) – 74,745 (Collective Class D Gain) = 93,048,368 persons Net Loss

WWVA, WHEELING, WEST VIRGINIA
1170 kHz 50 kW DA-N
Revised MARCH 2019

WWVA DAYTIME OPERATION

0.1 mV/m Groundwave (Presently Protected Contour)	Interference Caused to Class A 0.1 mV/m Groundwave Contour By Maximized Class D Daytime Operations Per *SFNPRM* Daytime Proposal (Figure 1-D)	
Population:	**Population:**	**Percentage of Interference to Population Within 0.1 mV/m Groundwave Contour:**
11,470,918	**4,796,299**	**41.8%**

GAIN IN CLASS D STATION'S DAYTIME OPERATION IN THE DIRECTION OF WWVA WITH MAXIMUM POWER IN THE DIRECTION OF WWVA (Figures 2-D through 4-D)

Maximizing Class D Station	Gain by Population (Persons) and Area (square kilometers)	Figure
WDFB	**218,320/2,682**	**2-D**
WCXN	**26,566/934**	**3-D**
WCXI	**945/2,742**	**4-D**
COLLECTIVE GAIN:	**245,831/6,358**	

NET LOSS IN SERVICE FROM *SFNPRM* DAYTIME PROPOSAL (CLASS A AM STATION LOSS MINUS COLLECTIVE GAIN IN CLASS D SERVICE):

4,796,299 (Loss of Class A AM Service) – 245,831 (Collective Class D Gain) = 4,550,468 persons Net Loss[1]

[1] This figure represents the net loss assuming upgrades by the listed neighboring Class D stations. Potentially different populations within the studied Class A AM station could be subject to interference depending upon future neighboring upgrades, with up to 6,768,570 persons subject to loss of service (WWVA's 0.1 mV/m daytime contour population of 11,470,918 minus WWVA's 0.5 mV/m daytime contour population of 4,702,348 = 6,768,570).